Title (en)
CONJUGATION OF STAPHYLOCOCCUS AUREUS TYPE 5 AND TYPE 8 CAPSULAR POLYSACCHARIDES

Title (de)
KONJUGATION VON KAPSELFÖRMIGEN POLYSACCHARIDEN TYP 5 UND TYP 8 AUS STAPHYLOCOCCUS AUREUS

Title (fr)
CONJUGAISON DE POLYSACCHARIDES CAPSULAIRES DE STAPHYLOCOCCUS AUREUS DE TYPE 5 ET DE TYPE 8

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Abstract (en)
[origin: WO2011138636A1] The invention provides a process for preparing a conjugate of a S.aurens type 5 or type 8 capsular polysaccharide and a carrier molecule, comprising the steps of: (a) depolymerising the capsular polysaccharide, to give a polysaccharide fragment; (b) oxidising the fragment in order to introduce an aldehyde group into at least one saccharide residue in the fragment, to give an oxidised saccharide residue; and (c) coupling the oxidised saccharide residue to a carrier molecule via the aldehyde group, thereby giving the conjugate. The coupling in step (c) may be direct, or may be via a linker molecule. The invention also provides a conjugate obtained or obtainable by this process.

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